

[4910-13-U] Version 3.1

**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 39**

**[Docket No. FAA-2006-24487; Directorate Identifier 2006-NE-13-AD]**

**RIN 2120-AA64**

**Airworthiness Directives;** Pratt & Whitney PW4074, PW4074D, PW4077, PW4077D, PW4084D, PW4090, PW4090-3, and PW4098 Turbofan Engines

**AGENCY:** Federal Aviation Administration (FAA), Department of Transportation (DOT).

**ACTION:** Notice of proposed rulemaking (NPRM).

**SUMMARY:** The FAA proposes to adopt a new airworthiness directive (AD) for Pratt & Whitney PW4074, PW4074D, PW4077, PW4077D, PW4084D, PW4090, PW4090-3, and PW4098 turbofan engines, with certain front turbine hub part numbers installed. This proposed AD would require a onetime visual inspection of the anti-rotation slots in the front turbine hub, for a machining nonconformance, and its replacement if the inspection is failed. This proposed AD results from a report of a crack found in an anti-rotation slot of a front turbine hub, during overhaul shop inspection. The anti-rotation slot geometry was not machined in conformance with the design drawing. We are proposing this AD to prevent uncontained engine failure, damage to the airplane, and injury to passengers.

**DATES:** We must receive any comments on this proposed AD by [insert date 60 days after date of publication in the FEDERAL REGISTER].

**ADDRESSES:** Use one of the following addresses to comment on this proposed AD.

CONCURRENCES
ROUTING SYMBOL ANE-110
INITIALS/SIG AR
DATE 5/30/06
ROUTING SYMBOL ANE-142
INITIALS/SIG AC/AR
DATE 5/30/06
ROUTING SYMBOL ANE-142
INITIALS/SIG RRJ
DATE 6/5/06
ROUTING SYMBOL ANE-7
INITIALS/SIG VB/AR
DATE 5/31/06
ROUTING SYMBOL AEG
INITIALS/SIG RM/AR
DATE 5/20/06
ROUTING SYMBOL ANE-111
INITIALS/SIG DM/AR
DATE 5/31/06
ROUTING SYMBOL ANE-100
INITIALS/SIG JTB
DATE 6/5/06